

MATERIAL SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION OF PRODUCT

PRODUCT NAME AFT60 S
PRODUCT USE Fire Suppressant/Flame Retardant
CHEMICAL NATURE Phosphate
SUPPLIER JS CHEM
 1139-7, Seryu-dong, Gwoneon-gil,
 Suwon-si, Kyonggi-do, Korea

WORK PLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS)

WHMIS
Not Classified

NFPA
Health - 1
Fire - 0
Reactivity - 0
Special

[4 - Extreme, 3 - High, 2 - Moderate, 1 - Slight, 0 - Insignificant]

SECTION 2 : HAZARDOUS INGREDIENTS

Components	LD50/Species (Specify Species and Route)	LC50 of ingredient (Specify Species)	CAS No
Ammonium Phosphate, Dibasic (98% up)			7783-28-0
ITC - Test Toxic > 30% w/vol	Fish Toxic > 2.5% w/vol		

SECTION 3 : PHYSICAL DATA

<i>Physical State</i>	: Solid
<i>Color and Appearance</i>	: White, Dry powder
<i>Odor Threshold (ppm)</i>	: None
<i>Vapour Pressure (mmHg)</i>	: NA
<i>Evaporation Rate</i>	: NA
<i>Boiling Point</i>	: > 150°C
<i>Freezing Point</i>	: None
<i>Specific Gravity</i>	: 1.619
<i>pH</i>	: 7.7-8.1 at 25°C

SECTION 4 : FIRE AND EXPLOSION HAZARD DATA

Automg Temp.	: Not Applicable
Flash Point	: Not Applicable
Conditions of Flammability	: Not Flammable
Extinguishing Agents	: Not Applicable

SECTION 5 : REACTIVITY DATA

Chemical Stability	: Indefinite at room temperature
Incompatibility with other substances	: Avoid strong basic materials, acids
Reactivity and under what conditions	: None
Hazardous Decomposition Products	: None

SECTION 6 : TOXICOLOGICAL PROPERTIES / HEALTH EFFECTS

Route of Entry
 Skin Contact
 Skin Absorption
 Eye Contact - rinse with water
 Inhalation - avoid inhaling, may cause dizziness
 Ingestion - drink large volumes of water

Effects of Acute Exposure to Product	: May cause dizziness /skin irritant/upset stomach
Effects of Chronic Exposure to Product	:
Exposure Limits	:
Irritancy of Product	:
Sensitization to Product	:
Carcinogenicity	:
Teratogenicity	:
Reproductive Toxicity	:
Mutagenicity	: Non-mutagenic
Synergistic Products	:

SECTION 7 : PREVENTIVE MEASURES

Personal Protective Equipment	: No special equipment necessary
Gloves (Specify)	: Standard
Eye (Specify)	: Standard eye goggles
Footwear (Specify)	: Standard work wear
Clothing (Specify)	: Standard
Engineering Controls (Specify), i.e. : Ventilation, enclosed process	: Keep area well ventilated
Leak and Spill Procedure	: Flush area with water
Water Disposal	: Dilute with water 1% vol/vol then discard in accordance with local and federal regulations
Handling Procedures and Equipment	: Standard handling
Respirator (Specify)	: Dust protection
Other (Specify)	:

SECTION 8 : FIRST AID MEASURES

Specific Measures:

Inhalation

: Avoid direct respiration of dust

Ingestion

: Drink large volumes of water; consult a physician

Eyes

: flush with cool water; consult a physician

Skin

: Wash face thoroughly with soap and water

SECTION 9 : STORAGE & TRANSPORT INFORMATION

TDG CLASSIFICATION PACKAGE GROUP

: NOT A DANGEROUS GOOD

: PRODUCT IDENTIFICATION NUMBER (PIN) - N/A

SECTION 10 : PREPARATION DATE MSDS

PREPARED BY

: JS CHEM

DATE

: 01/20/2003

PHONE NUMBER

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